

Community Collaborative Rain, Hail & Snow Network



"Because every drop counts!"



EARL...



M. L. Star

"NO, ED... WE AIN'T OVERSTOCKED, WE'RE JUST UNDER-RAINED!"

Big Dry Syndicate

Who are we and what do we do?

***“CoCoRaHS is a
grassroots, non-profit,
community-based,
high-density
precipitation network***



***made up of
volunteers of all
backgrounds and ages . . .***



CoCoRaHS

Snow Net

*Because every drops
counts...*



... who take daily measurements of precipitation right in their own backyards"



CoCoRaHS



We just measure precipitation!

Rain

Snow

Hail

Once trained, our
volunteers collect data
using low-cost
measurement tools . . .



4-inch diameter
high capacity rain gauges




Aluminum foil-wrapped
Styrofoam hail pads



CoCoRaHS


and report their daily observations on our interactive Web site: www.cocorahs.org





COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK
"Because every drop counts"

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Welcome to CoCoRaHS



Key
CoCoRaHS State 
Pending State 

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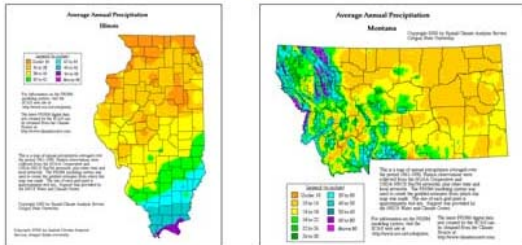
Things to know about...

- ▼ **Rain**
- ▲ **Hail**
- ✖ ✖ **Snow**

News

- Fall 2005 Newsletter**
 - ◆ [Read the PDF.](#)
- CoCoRaHS Brochure**
 - ◆ [Read the PDF.](#)
- Fox News Channel**
 - ◆ [Watch the video.](#)
- USA TODAY Article**
 - ◆ [Read the article.](#)

CoCoRaHS begins in Illinois and Montana December 1st



Average Annual Precipitation
Illinois
Montana

Purchase an official CoCoRaHS 4" Rain Gauge

WEATHERYOURWAY.COM

"An official CoCoRaHS Rain Gauge supplier"

CoCoRaHS Observers
Use these codes for a discount
User name: coco
Password: rahs



**Our aim is
to provide the highest quality
data for natural resource,
education and research
applications.**

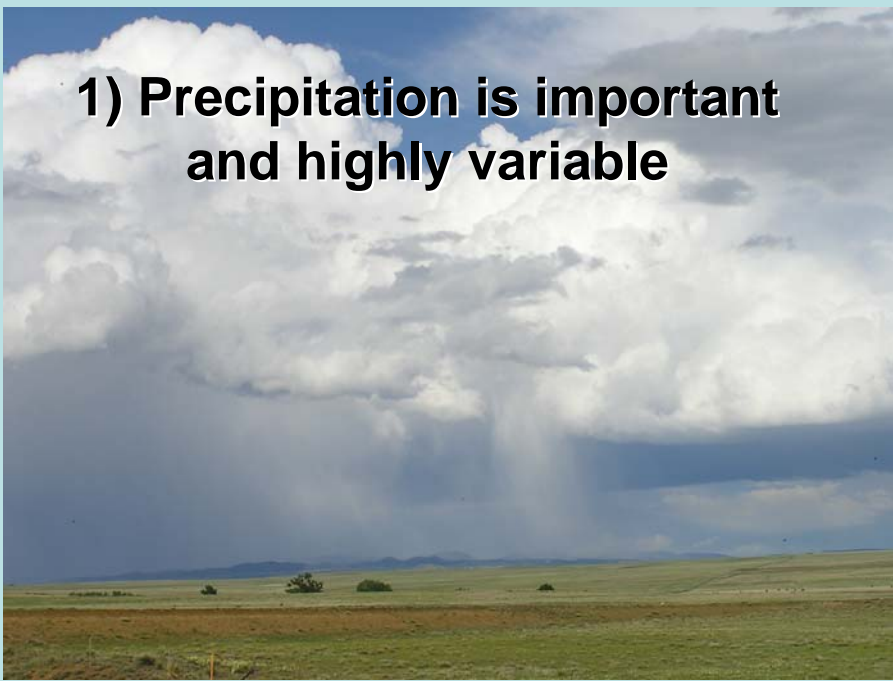
WHY CoCoRaHS ?

Five
5
Important
Reasons

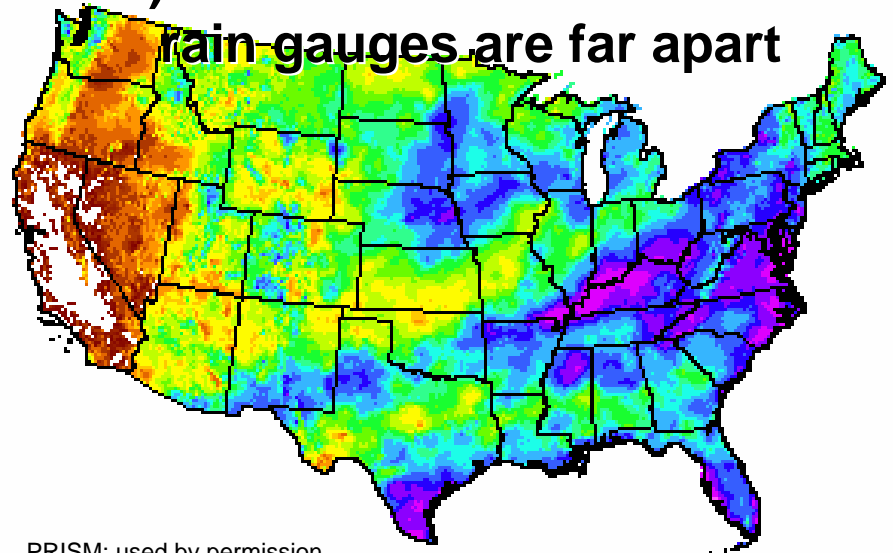
CoCoRaHS

Mail & Snow Network

1) Precipitation is important and highly variable



2) Data sources are few and rain gauges are far apart

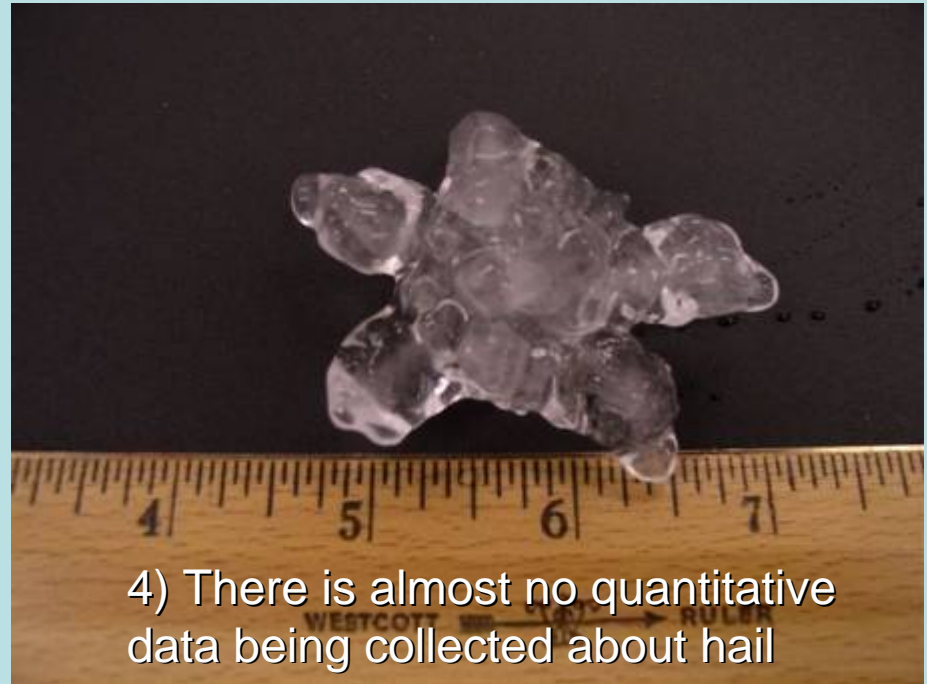


PRISM: used by permission

3) Measurements from many sources are not always accurate (especially snow)

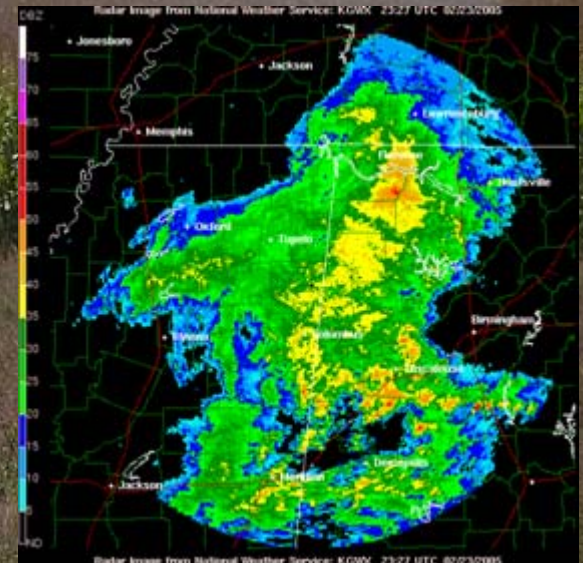


4) There is almost no quantitative data being collected about hail




Who uses CoCoRaHS Data?

- National Weather Service
- Other Meteorologists
- Hydrologists
- Emergency Managers
- City Utilities
 - Water supply
 - Water conservation
 - Storm water
- Insurance adjusters
- USDA—Crop production
- Engineers
- Scientists studying storms
- Mosquito control
- Ranchers and Farmers
- Outdoor & Recreation
- Teachers and Students
 - Geoscience education tool
 - Taking measurements
 - Analyzing data
 - Organizing results
 - Conducting research
 - Helping the community



www.cocorahs.org

www.Montana.cocorahs.org



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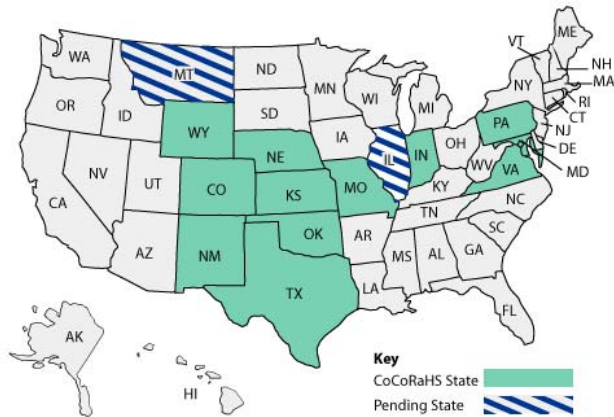
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Average Annual Precipitation Illinois



Average Annual Precipitation Montana



Purchase an official CoCoRaHS 4" Rain Gauge

WEATHERYOURWAY.COM

"An official CoCoRaHS Rain Gauge supplier"

CoCoRaHS Observers
 Use these codes for a discount
 User name: coco
 Password: rahs

CoCoRaHS Montana

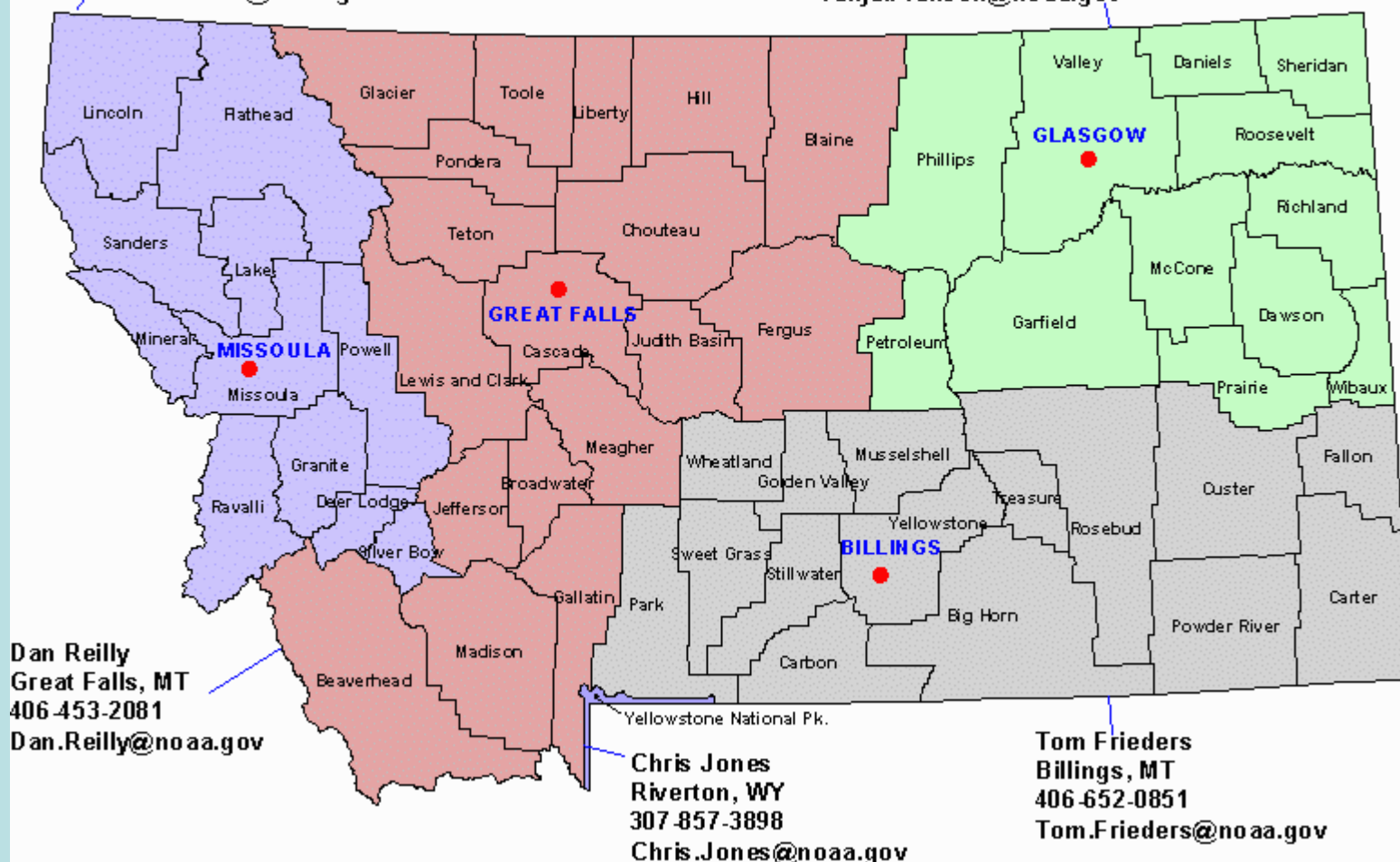
Observations in Big Sky Country

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Glasgow, MT
406-228-2850

Tanja.Fransen@noaa.gov





COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK

"Because every drop counts"

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My Data Entry | Login



Montana

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Montana Reports

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- [Hail Reports](#)
- [Intense Precip](#)
- [Multi-Day Precip](#)

View All Reports

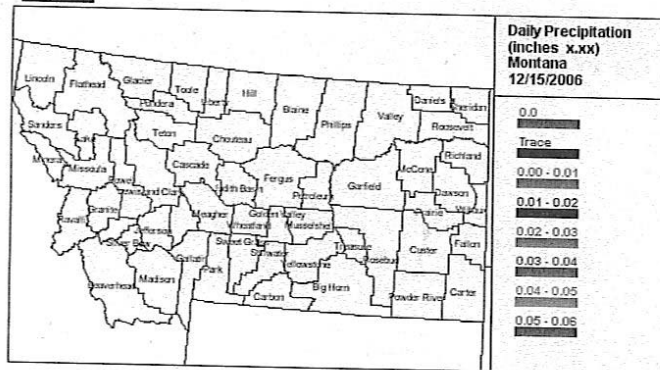
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[View Large Map](#)

CoCoRaHS Montana

Observations in Big Sky Country

On December 1st, 2006, Montana officially becomes a CoCoRaHS State!

Interested weather spotters around the state can now sign



up and become observers for this network. Northern Ag Network weatherman John Pulasky getting his Christmas wishes in early in the picture to the left! is working with the four National Weather Service offices in Montana to bring this program to life. We know there are many farmers, ranchers, and other weather enthusiasts already who are writing down their daily weather information. Now is the chance for your data to be collected, shared and archived for future use.


If you live in Montana, and would like to sign up for CoCoRaHS Montana, please [click here](#).

Training will be conducted around the state of Montana, so please keep an eye out for listings on this webpage and in your local newspapers and on the radio stations.

Training Session Date	Location	Time	Training done by:
Dec 11, 2006	Sidney - USDA Ag Research Station	2:00 pm and 5:30 pm	NWS Glasgow

www.cocorahs.org

www.Montana.cocorahs.org



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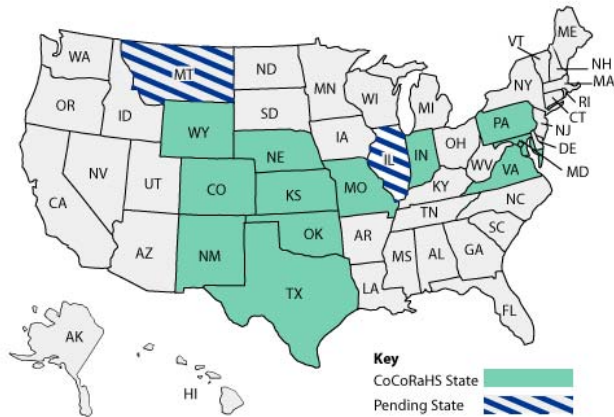
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Average Annual Precipitation Illinois

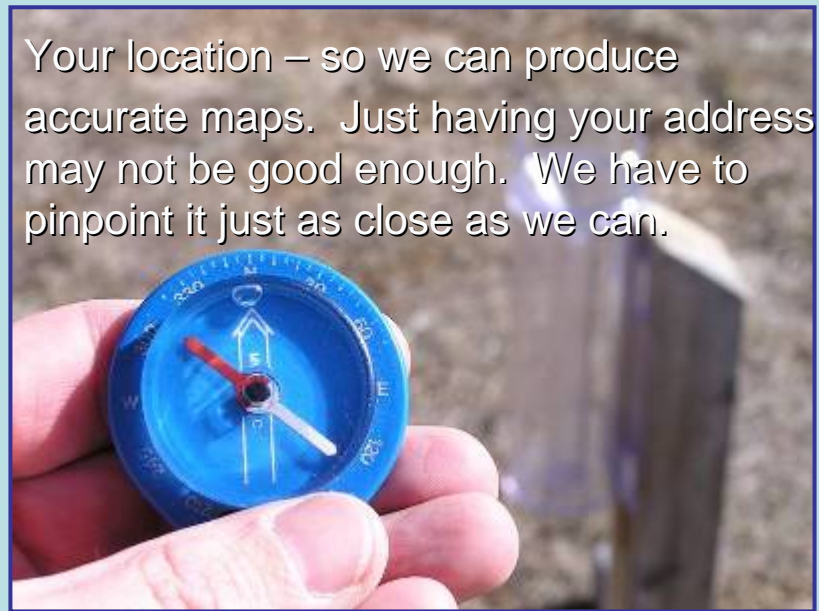
a) What *we will need from you*
before you can participate as an
observer:

CocoRaHS

& Snow Network



**A completed
application
form
(on-line or paper)**



Your location – so we can produce accurate maps. Just having your address may not be good enough. We have to pinpoint it just as close as we can.



Your commitment to collect accurate scientific data

**Your willingness to receive
CoCoRaHS e-mails**

(spam blocking off)



info@cocorahs.org
cocorahsqc@msn.com
nolan@atmos.colostate.edu

b) What *you will need* before
you can participate as an observer

CocoRaHS

& Snow Network



#1

A sincere desire to help study and learn about storms



#2

Training

(In person or on-line)



#3

A unique station number and name
(we will assign you one)



Station Number : CO-LR-368

Station Name : FCL 3.4 SW

CoCoRaHS

Snow Near

#4

A CoCoRaHS “4-inch” rain gauge installed in a good location



#5

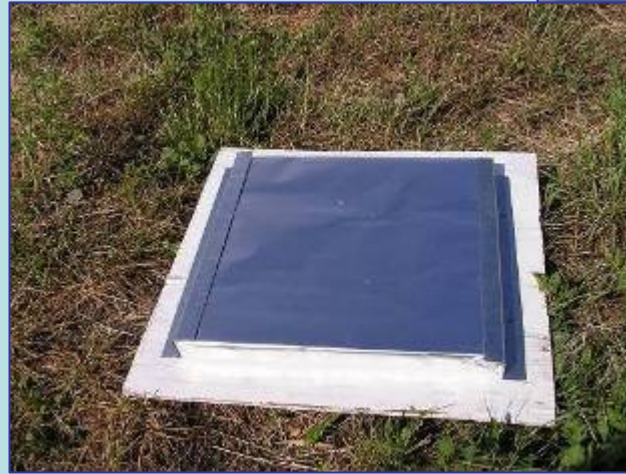
A login ID and password to enter data

A screenshot of the CoCoRaHS website login page. The page has a blue header with the CoCoRaHS logo and the text "COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK" and "Because every drop counts". Below the header is a navigation bar with links: Home, States, View Data, Maps, My Data Entry, and Login. On the left is a "Main Menu" with links: Home, About Us, Join CoCoRaHS, and Contact Us. Below that is a "Resources" section with links: FAQ/Help, Education, Volunteer Coordinators, Mail Pad, Distribution/Drop-off, Data needed, and Presentation Forms. The main content area is titled "Login" and contains a "Login:" section with fields for "UserName:" (containing "username") and "Password:" (containing "*****"). There is a "Save Login" checkbox and a "Log In" button. Below the login fields are two links: "Find your login info." and "Apply to be a Cocorahs observer."

#6

Hail pads

(some states may not be participating)



#7

Internet or telephone capabilities

The ability to gather accurate data
and transmit it in a timely fashion



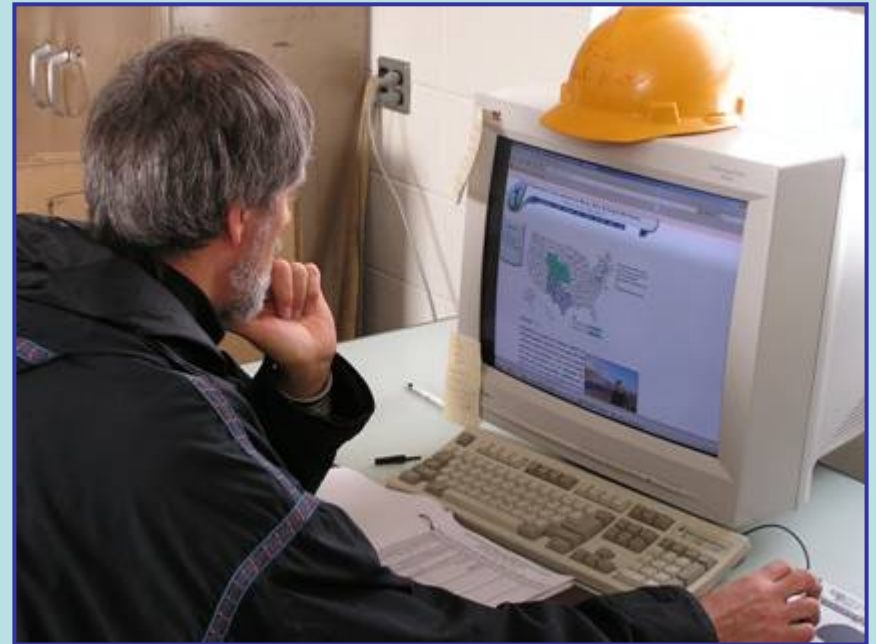
CoCoRaHS

Snow Net

Record your measurement



Enter your data on the precip sheet . . .



or using the CoCoRaHS Web site
www.cocorahs.org



HAPPY GROUNDHOG DAY

